United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, May 14, 2010
From: Anita L. Boseman

To:
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Subject: Time Critical Removal Action
State Plating
450 North 9th St., Elwood, IN
Latitude: 40.2830390
Longitude: -85.8517070

POLREP No.:	26	**Site #:**	B5SG
Reporting Period:	May 10-14, 2010	**D.O. #:**	07
Start Date:	10/12/2009	**Response Authority:**	CERCLA
Mob Date:	10/12/2009	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	INN000510359	**Contract #**	EP-S5-08-04
RCRIS ID #:			

Site Description
See POLREP #1

Current Activities

On May 10, 2010, the removal of sludge from plating vats #6, #31 through #37 and pit #7 continued with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 3,000 gallons were removed. Heritage Transport picked up the last 25 yd3 sludge box for offsite disposal. Metal process piping and tanks that supported the former onsite water treatment system were cut into sections for disposal. Ambient air inside the facility was monitored for the following parameters with the use of 3 AreaRaes: Lower Explosive Limit (LEL), Carbon Monoxide (CO), Hydrogen Cyanide (HCN), Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOC) and Oxygen (O2). Also 3 DataRam were used via ERT's RAT to provide real time dust particulate monitoring. All indoor work was performed in Level C.

On May 11, 2010, metal process piping and tanks continued to be cut into sections for disposal. The removal of large debris from the facility floor began in Section K to prepare for power washing the floor's surface. Wabash Refuse delivered two trash roll-off boxes for transport

and disposal of trash. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 3 AreaRaes. All indoor work was performed in Level C.

On May 12, 2010, the process piping and tanks that supported the former water treatment system continued to be processed for later disposal. The removal of large debris and sweeping continued in Section K in preparation for power washing the floor's surface. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 3 AreaRaes. All indoor work was performed in Level C.

On May 13, 2010, the process piping and tanks that supported the former water treatment system continued to be processed for later disposal. Empty chemical containers were cut into section for subsequent offsite disposal. The removal of large debris and built up hazardous waste spillage/grime from the facility floor continued in Section K. Power washing operations began to remove remaining grime and debris from the floor in Section K. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 3 AreaRaes. All indoor work was performed in Level C.

On May 14, 2010, the empty chemical containers continued to be cut into sections for subsequent offsite disposal. The large scale debris and spent equipment continued to be removed from remaining portion of Section K floor and similar operations began in Section H. Power washing of the floor surface continued in Section K. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 3 AreaRaes. All indoor work was performed in Level C.

Planned Removal Actions

- Continue removal of debris from facility floors.
- Continue power washing the facility floors
- Continue demolition of plating vats to render them unusable.
- Continued offsite transport and disposal of hazardous waste material.

Next Steps

- Continue real-time air monitoring of the ambient air inside the facility with the use of DataRams/RAT and AreaRaes.
- Continue onsite security during non-working hours.

Key Issues

None.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$1,459,536.00	$1,360,820.28	$98,715.72	6.76%
RST/START	$225,000.00	$184,675.69	$225,000.00	17.92%
Intramural Costs				

Total Site Costs	$1,684,536.00	$1,545,496.00	$139,040.00	8.25%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

TOTAL TO DATE:

Bulk Liquids (Approximate)

24,544 gallons of Hazardous Waste Liquids D008 (Lead) have been transported to Vickery, OH for disposal.

45,435 gallons of Hazardous Waste Liquids D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

4,990 gallons of Waste Corrosive, Basic, Inorganic D002, D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

41,463 gallons of Waste Corrosive, Acidic, Inorganic D002, D007, D008 (Sulfuric Acid, Hydrochloric Acid) have been transported to Vickery, OH for disposal.

10,163 gallons of Waste Sodium Hydroxide Solution, D002, D007 have been transported to Vickery, OH for disposal.

3,384 gallons of Waste Sodium Hydroxide Solution, D002, D007, D008, D022 have been transported to Vickery, OH for disposal.

15,231 gallons of Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric Acid) have been transported to Vickery, OH for disposal.

80 cubic yards of Hazardous Waste, Liquid, Sludge, D007, D008, (Chromium, Lead) have been transported to Indianapolis, IN for disposal.

2,600 gallons of Waste Corrosive Liquid, Basic, Inorganic, D002, D007 (Sodium Hydroxide) have been transported to Indianapolis, IN for disposal.

10,455 gallons of Hazardous Waste, Liquid, D007 (Chromium) have been transported to Indianapolis, IN for disposal.

190 cubic yards of Hazardous Waste, Liquid, D007 (Chromium) have been transported to Indianapolis, IN for disposal.

550 gallons of Hazardous Waste, Liquid, D008 (Barium, Lead) have been transported to Detroit, MI for disposal.

Bulk Solids (Approximate)

14,200 lbs of Hazardous Waste Solid, D007, D008, (Chromium, Lead) have been transported to Detroit, MI for disposal.

44,000 lbs of Hazardous Waste Solid, Debris, D007, D008, D018 (Chromium, Lead, Benzene) have been transported to Detroit, MI for disposal.

5 cubic yards of Hazardous Waste, Solid, D007 (Chromium, Nickel) have been transported to Detroit, MI for disposal.

Waste Stream	Quantity	Manifest #	Disposal Facility
Hazardous Waste, Liquid, D007, (Chromium)	25 cubic yds	000325685WAS	Heritage Environmental Services, LLC, Indianapolis, IN

www.epaosc.org/stateplating